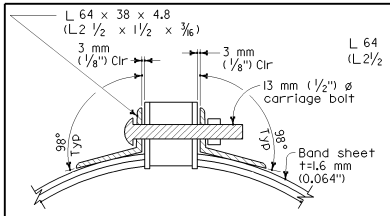
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

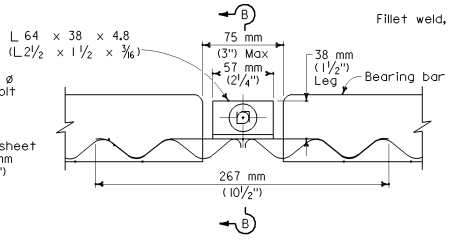
REGISTERED CIVIL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Glenn DeCou — No. C34547 — Exp. 9-30-03 — CIVIL — STATE OF CALIFORNIA

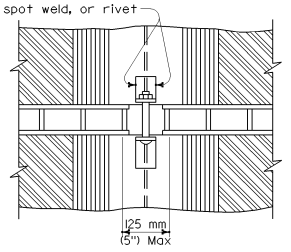


SECTION B-B

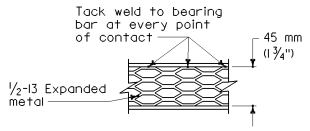


ELEVATION

MODIFIED HUGGER BAND

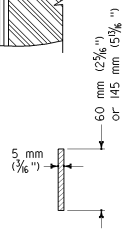


PART PLAN

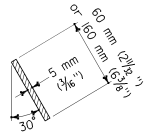


HEEL GUARD

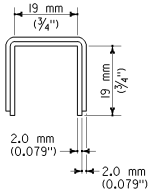
See Note 11



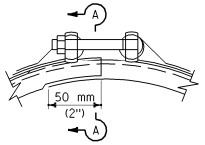
SECTION E-E



SECTION F-F



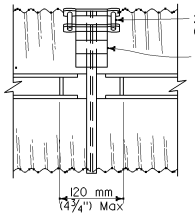
PARTIAL SECTION A-A



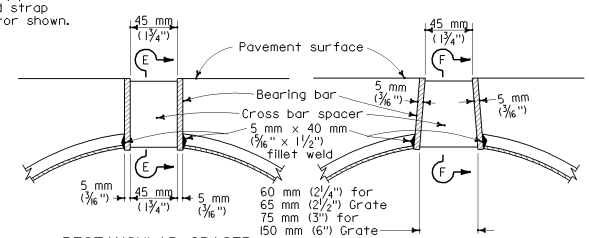
NOTE

As an alternate to swagged end an oversized bridge clip may be used.

SIDE VIEW



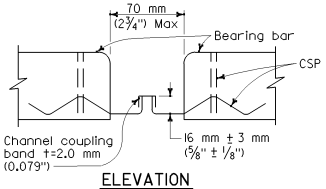
PART PLAN



RECTANGULAR SPACER

TAPERED SPACER

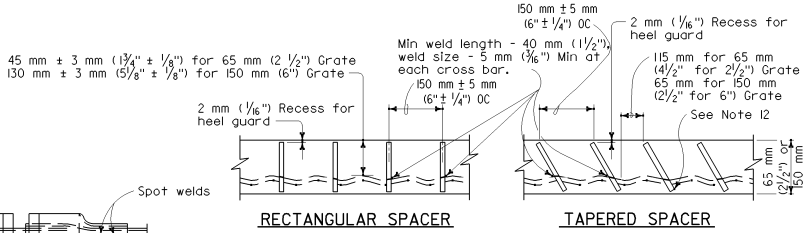
GRATE SLOT-SECTION



ELEVATION

BAR & STRAP CONNECTOR

See Standard Plan D97A

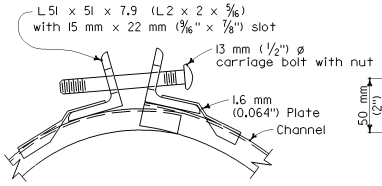


RECTANGULAR SPACER

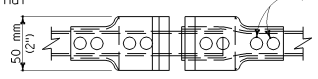
TAPERED SPACER

GRATE SLOT-LONGITUDINAL ELEVATION VIEW

See Note 13



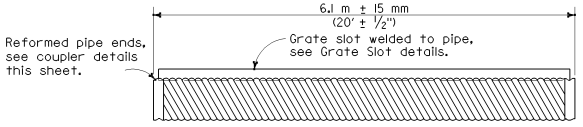
SIDE VIEW



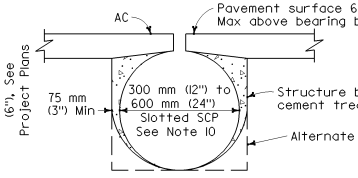
PART PLAN

ANGLE CONNECTOR

CHANNEL COUPLING BAND



SLOTTED CORRUGATED STEEL PIPE



BACKFILL

NOTES

1. Drain pipe seams may be continuous helical lock seam or helical weld seam.
2. Drain sections shall be assembled with either of the coupling bands shown.
3. The cross bar spacer shall be welded to the bearing bars in such a manner as to develop a minimum tensile strength of 55,000 N (12,000 LBS) normal to the longitudinal axis of the bearing bars.
4. The maximum variance from a straight line between the extreme top corners of the bearing bars shall be 12 mm (1/2") in 6.0 m (20').
5. All coupling band connections shall be galvanized or coated in accordance with the Standard Specifications.
6. Spot welds shall develop minimum required strength of strap.
7. Dimensions shown are minimum.
8. Contractor to provide an adequate method of keeping the asphalt concrete out of pipe, during paving operations.
9. Minimum pipe wall thickness is 1.6 mm (0.064").
10. 600 mm (24") Diameter will not support normal highway wheel loads.
11. Use heel guard when specified.
12. Bottom edge of cross bar spacer offset in direction of flow.
13. Unless otherwise shown on the plans or specified in the special provisions, cross bar spacers shall be either retangular or tapered at the contractor's option.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SLOTTED CORRUGATED STEEL PIPE DRAIN DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

D98B